

Amendments to the Claims:

Claims 1-3 (Cancelled)

1 4. (Withdrawn) The method in accordance with claim 2, wherein the solid substrate is
2 asphalt pavement.

1 5. (Withdrawn) The method in accordance with claim 2, wherein the solid substrate is
2 wood.

1 6. (Withdrawn) The method in accordance with claim 2, wherein the solid substrate is
2 fiberglass composite.

1 7. (Withdrawn) The method in accordance with claim 2, wherein the solid substrate is
2 metal.

1 8. (Withdrawn) The method in accordance with claim 2, wherein the solid substrate is
2 modular bricks.

1 9. (Withdrawn) The method in accordance with claim 1, wherein the substrate is
2 particulate.

1 10. (Withdrawn) The method in accordance with claim 9, wherein the particulate is soil.

1 11. (Withdrawn) The method in accordance with claim 9, wherein the particulate is sand.

1 12. (Withdrawn) The method in accordance with claim 9, wherein the particulate is
2 gravel.

1 13. (Withdrawn) The method in accordance with claim 9, wherein the particulate is a
2 combination selected from the group of soil, sand and gravel.

1 14. (Currently Amended) A method of forming a wear-resistant reinforcing coating on a
2 substrate, the method comprising:

3 (a) applying a liquid matrix material to the substrate;

4 (b) disposing reinforcing fibers in the liquid matrix material;

5 (c) placing particulate in contact with the liquid matrix material on an opposite
6 side of the fibers from the substrate;

7 (d) hardening the liquid matrix material, thereby forming a composite of
8 reinforcing fibers in a matrix of the hardened liquid matrix material with the
9 wearing surface of particulate; and

10 The method in accordance with claim 1, further comprising the step of (c) interposing a
11 membrane between the substrate and the liquid matrix material for preventing the liquid
12 matrix material from adhering substantially to the substrate, thereby leaving the
13 membrane and liquid matrix material unattached to the substrate.

1 15. (Original) The method in accordance with claim 14, wherein the membrane is plastic
2 sheeting.

1 16. (Original) The method in accordance with claim 14, wherein the membrane is a
2 release agent.

1 17. (Original) The method in accordance with claim 14, wherein the substrate is a solid
2 substrate.

1 18. (Original) The method in accordance with claim 17, wherein the solid substrate is
2 concrete.

1 19. (Withdrawn) The method in accordance with claim 17, wherein the solid substrate is
2 asphalt pavement.

1 20. (Withdrawn) The method in accordance with claim 17, wherein the solid substrate is
2 wood.

1 21. (Withdrawn) The method in accordance with claim 17, wherein the solid substrate is
2 fiberglass composite.

1 22. (Withdrawn) The method in accordance with claim 17, wherein the solid substrate is
2 metal.

1 23. (Withdrawn) The method in accordance with claim 17, wherein the solid substrate is
2 modular bricks.

1 24. (Withdrawn) The method in accordance with claim 14, wherein the substrate is
2 particulate.

1 25. (Withdrawn) The method in accordance with claim 24, wherein the particulate is
2 soil.

1 26. (Withdrawn) The method in accordance with claim 24, wherein the particulate is
2 sand.

1 27. (Withdrawn) The method in accordance with claim 24, wherein the particulate is
2 gravel.

1 28. (Withdrawn) The method in accordance with claim 24, wherein the particulate is a
2 combination selected from the group of soil, sand and gravel.

1 29. (Withdrawn) A wear-resistant reinforcing coating formed on a substrate, the coating
2 comprising:

3 (a) a matrix adjacent the substrate;
4 (b) reinforcing fibers disposed in the matrix for reinforcing the matrix; and
5 (c) particulate adhered to the matrix on an opposite side of the fibers from the
6 substrate.

1 30. (Withdrawn) The wear-resistant reinforcing coating in accordance with claim 29,
2 wherein the substrate is a solid substrate.

1 31. (Withdrawn) The wear-resistant reinforcing coating in accordance with claim 29,
2 wherein the substrate is particulate.

1 32. (Withdrawn) The wear-resistant reinforcing coating in accordance with claim 29,
2 further comprising a membrane interposed between the substrate and the matrix, thereby
3 preventing adhesion of the matrix to the substrate.

1 33. (Withdrawn) The wear-resistant reinforcing coating in accordance with claim 32,
2 wherein the substrate is a solid substrate.

1 34. (Withdrawn) The wear-resistant reinforcing coating in accordance with claim 32,
2 wherein the substrate is particulate.

1 35. (Currently Amended) A method of forming a wear-resistant reinforcing coating on a
2 solid substrate, the method comprising:

3 (a) applying a liquid matrix material to the substrate;
4 (b) interposing a membrane between the substrate and the liquid matrix material
5 for preventing the liquid matrix material from adhering substantially to the solid
6 substrate, thereby leaving the membrane and liquid matrix material unattached to
7 the substrate;
8 (c) disposing reinforcing fibers in the liquid matrix material;
9 (d) placing particulate in contact with the liquid matrix material on an opposite
10 side of the fibers from the substrate; and
11 (e) hardening the liquid matrix material, thereby forming a composite of
12 reinforcing fibers in a matrix of the hardened liquid matrix material with the
13 wearing surface of particulate.

1 36. (Withdrawn) A wear-resistant reinforcing coating formed on a solid substrate, the
2 coating comprising:

3 (a) a matrix adjacent the substrate;

4 (b) a membrane interposed between the substrate and the matrix, thereby
5 preventing adhesion of the matrix to the substrate;

6 (c) reinforcing fibers disposed in the matrix for reinforcing the matrix; and
7 (d) particulate adhered to the matrix on an opposite side of the fibers from the
8 substrate.

1 37. (Withdrawn) A method of forming a reinforced floor having a substrate, the method
2 comprising:

3 (a) applying a liquid matrix material to the substrate;

4 (b) disposing reinforcing fibers in the liquid matrix material;

5 (c) hardening the liquid matrix material, thereby forming a composite of

6 reinforcing fibers in a matrix of hardened liquid matrix material, wherein an

7 exposed surface of the reinforcement is unsuitable for foot traffic; and

8 (d) mounting a layer of rigid flooring material to said substrate above said

9 composite of reinforcing fibers, said layer of flooring material having a wearing

10 surface that is suitable for traffic.

1 38. (Withdrawn) A reinforced floor having a planar substrate, the reinforced floor
2 comprising:
3 (a) a hardened, planar matrix mounted to the substrate;
4 (b) reinforcing fibers disposed in the matrix;

5 (c) a planar layer of rigid flooring material mounted to the substrate above the
6 reinforcing fibers, said layer of flooring material having a planar wearing surface
7 that is suitable for traffic.

1 39. (Withdrawn) A modular flooring unit of a discrete size and weight that can be lifted
2 by a human, the flooring unit comprising:

3 (a) a planar matrix;
4 (b) reinforcing fibers embedded in the matrix for reinforcing the matrix;
5 (c) particulate mounted to a major surface of the matrix.

1 40. (Withdrawn) The flooring unit in accordance with claim 39, wherein the particulate
2 mounted to the matrix forms the traffic-bearing surface of the flooring unit.

1 41. (Withdrawn) A method of forming a modular flooring unit of a size and weight that
2 can be lifted by a human, the method comprising:

- 3 (a) placing a liquid matrix material in a receptacle;
- 4 (b) disposing reinforcing fibers in the liquid matrix material;
- 5 (c) placing particulate in contact with the liquid matrix material on an opposite
- 6 side of the fibers from the substrate; and
- 7 (d) hardening the liquid matrix material, thereby forming a composite of
- 8 reinforcing fibers in a matrix of the hardened liquid matrix material with a traffic-
- 9 bearing surface of particulate.

1 42. (Withdrawn) A method of forming a wear-resistant reinforcing coating on a
2 substrate, the method comprising:
3 (a) aligning a composite with the substrate, the composite comprising a hardened
4 matrix embedded with reinforcing fibers;
5 (b) applying an adhesive between the composite and the substrate;
6 (c) forcing the composite against the substrate with the adhesive in a layer
7 interposed between the composite and the substrate;
8 (d) applying adhesive to the composite on a side of the composite opposite the
9 substrate;
10 (e) placing particulate in contact with the adhesive; and
11 (f) hardening the adhesive, thereby forming a wearing surface of particulate.